

Message

From: Henney, Travis (J.) [thenney@ford.com]
Sent: 5/17/2013 7:31:28 PM
To: Smith, Jay [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=20b4e52899be41f990e3e14de7db52cb-Smith, Jay]
Subject: RE: Ford Motor Company - 2013MY Diesel Engine Dynamometer Certified AECD Template - Revised
Attachments: Ford Motor Company_2014MY Warranty Guide.pdf

Jay,

I am just going to copy your questions from note below and respond to them in red.

with respect to your engine-GHG certification:

-In previous years, N₂O wasn't included in your GHG-reporting results because it apparently wasn't measured during the December 2011 cert tests. However, now I see that you are still using this data for GHG certification and N₂O was indeed measured. Was this indeed measured during the December 2011 tests?
N₂O was originally measured during the Dec 2011 testing. We used a photo-acoustic type analyzer for the diesel N₂O measurement.

-\$1036.205(k) requires that a copy of your emission related warranty statement be sent in with your cert app. Please find a copy of our 2014MY Warranty Guide attached.

-Finally, please make sure your statements of compliance include the information required in §1036.205(i) We included the following statement(s) in our signed cover letters for these engine families, (I italicized the content I feel covers the requirement):

"The standards applicable to this engine family,[Applicable GVWR], 110K FUL, g/bhp-hr are as follows:

<u>NMHC</u>	<u>NO_x</u>	<u>CO</u>	<u>PM</u>	<u>CO₂</u>	<u>CH₄</u>	<u>N₂O</u>
0.14	0.20	15.5	0.01	600	0.10	0.10

Based on Ford Motor Company's good engineering judgment, *all the engines described in this Application are designed to comply with the applicable standards, as described above.*"

and

"I further certify that all engines in this engine family are in all material respects as described in the Application for Certification and *comply with all requirements* of 40 CFR Part 86, 40 CFR Part 1036, 40 CFR Part 1065 and the Clean Air Act."

Are those declarations, in the cover letter, sufficient to meet the requirement in 1036.205(i) or would you prefer we handle this differently?

Best Regards,

Travis Henney (THENNEY)
Certification Programs
Vehicle Homologation & Compliance
Sustainability, Environment, & Safety Engineering
Tel: (313) 399-7256
E-mail: thenney@ford.com

From: Smith, Jay [mailto:smith.jay@epa.gov]
Sent: Friday, May 03, 2013 11:43 AM
To: Henney, Travis (J.)
Subject: RE: Ford Motor Company - 2013MY Diesel Engine Dynamometer Certified AECD Template - Revised

Sorry, Travis, but I realized I had a few other questions with respect to your engine-GHG certification:

-In previous years, N2O wasn't included in your GHG-reporting results because it apparently wasn't measured during the December 2011 cert tests. However, now I see that you are still using this data for GHG certification and N2O was indeed measured. Was this indeed measured during the December 2011 tests?

-\$1036.205(k) requires that a copy of your emission related warranty statement be sent in with your cert app.

-Finally, please make sure your statements of compliance include the information required in §1036.205(i)

Best Regards,

Jay Smith

James D. Smith, Ph.D.
Mechanical Engineer - Compliance Division
United States Environmental Protection Agency
2000 Traverwood Dr.
Ann Arbor, MI 48105

Ph: (734) 214-4302

From: Henney, Travis (J.) [<mailto:thenney@ford.com>]
Sent: Thursday, April 11, 2013 2:15 PM
To: Application-CI Cert; Smith, Jay
Cc: Crompton, Todd (T.J.)
Subject: Ford Motor Company - 2013MY Diesel Engine Dynamometer Certified AECD Template - Revised

Please find attached a revised Ford 2013MY Diesel AECD Reporting Template,
"CBI_16.05.01.DC.AECD_DFMXH_R02.pdf".

I also submitted these in EPA-Verify as "AECD Reporting Template" under the same name for the same engine families.

Applicable to engine families:

DFMXH06.7A24
DFMXH06.7B23

Significant changes from the previous version are highlighted through the use of red revision marks.

Best Regards,

Travis Henney (THENNEY)
Certification Programs
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From: Henney, Travis (J.)
Sent: Wednesday, May 30, 2012 12:14 PM
To: 'Application-CI_Cert@epa.gov' (Application-CI_Cert@epa.gov); smith.jay@epa.gov
Cc: Whitbeck, Neil (N.G.); Crompton, Todd (T.J.)
Subject: Ford Motor Company - 2013MY Diesel Engine Dynamometer Certified AECD Template

Please find attached Ford 2013MY Diesel AECD Reporting Template.

I also submitted these in EPA-Verify as “AECD Reporting Template” under the same name for the same engine families.

Applicable to engine families:

DFMXH06.7A24

DFMXH06.7B23

Significant changes for 2013MY from 2012MY and in some cases, supporting data, are highlighted through the use of red text and underlining.

Additionally,

CBI / Ex. 4

Please let us know if you have any questions regarding these.

Best Regards,

Travis Henney (THENNEY)

VEE-Car & Truck Certification

Sustainability, Environment & Safety Engineering (SE&SE)

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